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(54) Title: JUVENILE HEMOCHROMATOSIS GENE (HFE2A), EXPRESSION PRODUCTS AND USES THEREOF

(57) Abstract: Polynucleotide and polypeptide sequences for HFE2A, as well as mutations associated with juvenile hemochromatosis, and methods of utilizing these for the screening and identification of agents for the treatment of diseases of iron metabolism, including small organic compounds, are disclosed along with methods of treating and/or ameliorating diseases of iron metabolism, especially in human patients are disclosed. Diagnostic compounds, kits and methods using HFE2A are also described.



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